

(versão em inglês)

Description of individual course units

(a preencher, no máximo uma página, por cada unidade curricular)

Course title:	Advanced Techniques on Constraint Programming
Course code:	
Type of course (e.g. major/minor, elective, vd projecto Tuning):	Optional
Level of course:	Advanced(PHD)
Year of study:	1
Semester:	1
Number of credits allocated (workload based):	6
Name of lecturer:	Ligia Ferreira
Objective of the course (expected learning outcomes and competences to be acquired):	The main goal is to provide de necessary skills to investigate in the area of the constraint programming
Prerequisites:	Introduction to Constraint Programming (from MSC in Informatics Engineering)
Course contents:	<ol style="list-style-type: none">1.Introduction to Constraint Satisfaction2.Reducing the search3.Heuristic and Stochastic Methods4.Over-Constrained Problems
Recommended reading:	Conference proceedings: CP: Principles and practice of Constraint Programming iCLP: International Conference on Logic Programming
Teaching methods:	
Assessment methods:	Experimental work + oral presentation
Language of instruction:	Portuguese (or English if needed)